



PATENT APPLICATION

THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s): Dunstan et al.

Serial No.: 09/389,782

Group Art Unit No.: 1642

Filed: September 3, 1999

Examiner: Helms, L.

For: OPG Fusion Protein Compositions and Methods

Docket No.: A-604

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10/1/02

RESPONSE TO FINAL OFFICE ACTION*

Assistant Commissioner for Patents
Box AF
Washington, D.C. 20231

Sir:

This is in response to the Office Action dated April 5, 2002 in which Claims 21-31 are rejected under 35 U.S.C. 112, 102 and 103. The action was made final. Withdrawal of the rejection is requested.

AMENDMENT

Please amend the application as follows:

In the claims:

21. (amended) A protein having a formula selected from the group consisting of R_1-R_2 and R_1-L-R_2 , wherein R_1 is a Fc protein, or a variant or fragment thereof, R_2 is a variant or fragment of an osteoprotegerin (OPG) protein comprising amino acids 22-401 as shown in Figure 2 (SEQ ID NO:2), and L is a linker, wherein the protein has the activity of decreasing bone resorption.

22. (amended) The protein according to claim 21, wherein the Fc protein is selected from the group consisting of:

EXPRESS MAIL CERTIFICATE

Express Mail mail labeling number: EL360691686US

Date of Deposit: SEP 27 2002

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